What is claimed is:

- [1] An epoxy resin composition containing, as epoxy resin, the following epoxy resin (a) and epoxy resin (b), solid rubber at a ratio of 1 to 20 parts by weight to 100 parts by weight of the entire epoxy resins, and an aromatic amine as a curing agent and having a glass transition temperature of 160 to 220°C in form of a cured material after heat curing at 180°C for 2 hours:
- (a) an epoxy resin having oxazolidone rings and
- (b) a glycidylamine type epoxy resin.
- [2] The epoxy resin composition as claimed in claim 1, wherein 10 to 60% by weight of the epoxy resin (a) and 10 to 60% by weight of the epoxy resin (b) are contained in 100% by weight of the entire epoxy resins.
- [3] The epoxy resin composition as claimed in claim 1 or 2, wherein the solid rubber is a solid acrylonitrile-butadiene rubber.
- [4] The epoxy resin composition as claimed in one of claims 1 to 3, wherein the glass transition temperature of the cured material after immersion of the cured material in boiling water for 2 days is in a range from 110 to 150°C.
- [5] The epoxy resin composition as claimed in one of claims 1 to 4, wherein the mode I energy release rate $G_{\rm IC}$ of the cured material is in a range from 200 to 1000 J/m².
- [6] The epoxy resin composition as claimed in one of claims 1 to 5 having the minimum viscosity in a range from 1 to 50 Pa.s

- when the viscosity is measured at heating rate of 2°C/min.
- [7] A prepreg containing the epoxy resin composition as claimed in one of claims 1 to 6 and reinforcing fibers.
- [8] The prepreg as claimed in claim 7, wherein the volatile component amount is 0.1 to 1% by weight.
- [9] A prepreg containing the following constituent elements
- [A], [B], and [C]:
- [A]: reinforcing fibers of a continuous fiber,
- [B]: a matrix resin, and
- [C]: a thermoplastic resin having openings and a continuous form.
- [10] The prepreg as claimed in claim 9, wherein the constituent element [C] is arranged on the outer surface side of the constituent element [A].
- [11] The prepreg as claimed in claim 9 or 10, wherein the opening content of the constituent element [C] is in a range from 15% to 90%.
- [12] The prepreg as claimed in one of claims 9 to 11, wherein the constituent element [C] is a nonwoven fabric.
- [13] The prepreg as claimed in one of claims 9 to 12, wherein the weight of the constituent element [C] in unit surface area in one face side is in a range from 2 g/m^2 to 20 g/m^2 .
- [14] The prepreg as claimed in one of claims 9 to 13, wherein the constituent element [A] is a fabric.
- [15] The prepreg as claimed in one of claims 9 to 14, wherein

the minimum weight per 1 cm² of the constituent element [C] in one face side of the prepreg is 20% or higher of the average weight per unit surface area.

- [16] The prepreg as claimed in one of claims 9 to 15, wherein the weight ratio of the constituent elements [A], [B], and [C] satisfies as follows:
- 1 < [A]/([B] + [C]) < 1.5.
- [17] The prepreg as claimed in one of claims 9 to 16, wherein the thermoplastic resin of the constituent element [C] is one or more resins selected from a polyamide, a polyacetal, a polyphenylene oxide, a polyimide, a polyetherimide, a polyethersulfone, a polyetheretherketone, and a polyaramide.
- [18] The prepreg as claimed in one of claims 9 to 17 for an honeycomb self-adhesion.
- [19] The prepreg as claimed in one of claims 9 to 17 for an outer panel.
- [20] A fiber-reinforced composite material obtained by forming the prepreg as claimed in one of claims 9 to 19.
- [21] A fiber-reinforced composite material honeycomb sandwich panel comprising the fiber-reinforced composite material as claimed in claim 20 and a honeycomb core.
- [22] A laminated composite material comprising the following constituent elements [A], [C], [D], and [E], wherein the constituent element [C] is inserted between the honeycomb core [E] and the constituent element [A]:

- [A]: reinforcing fibers of a continuous fiber,
- [C]: a thermoplastic resin having openings and a continuous form,
- [D]: a cured matrix resin and
- [E]: a honeycomb core.
- [23] The laminated composite material as claimed in claim 22 having climbing drum peel strength of 33 N·m/m or higher measured based on ASTM D1781-98.
- [24] A laminated composite material outer panel comprising the following [A], [C], and [D], wherein the constituent element [C] is arranged in the outer surface side of the constituent element [A]:
- [A]: reinforcing fibers of a continuous fiber,
- [C]: a thermoplastic resin having openings and a continuous form, and
- [D]: a cured matrix resin.
- [25] The laminated composite material outer panel as claimed in claim 24, wherein the number of surface pits with depth of $^{\circ}$ 50 μm or deeper is 2 or less per 10 cm² in the surface.
- [26] The prepreg as claimed in one of claims 9 to 19, wherein the constituent element [B] is the epoxy resin composition according to one of claims 1 to 6.
- [27] The laminated composite material as claimed in claim 22 or 23, wherein the constituent element [D] is a cured material of the epoxy resin composition according to one of claims 1 to

6.

[28] The laminated composite material outer panel as claimed in claim 24 or 25, wherein the constituent element [D] is a cured material of the epoxy resin composition according to one of claims 1 to 6.

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